

From owner-qrp-1@netcom.com Sun Dec 18 01:01:58 1994
Message-Id: <9412180245.AA24963@philadelphia.libertynet.org>
Date: Sat, 17 Dec 1994 21:44:42 -0500
From: adam@libertynet.org (Adam O'Donnell)
Subject: 30 mtrs and Tech +

Has anyone had the idea of letting the Tech+ liscenses get 30 meters?
It would be great - QRP equipment is cheap, you can get more QSO's
on it w/ QRP, and it is a CW band. Plenty of practice to get the 13.

Adam O'Donnell
adam@libertynet.org
N3RCS@KE3CZ.#EPA.PA.USA.NA

-- Math and alcohol don't mix. Please don't drink and derive.
-- Mathematicians Against Drunk Deriving (M.A.D.D.)

From owner-qrp-1@netcom.com Sun Dec 18 16:04:54 1994
From: mont@netcom.com (Mont Pierce)
Message-Id: <199412181912.LAA18217@netcom20.netcom.com>
Subject: Re: 30 mtrs and Tech +
Date: Sun, 18 Dec 1994 11:12:00 -0800 (PST)

>
> Has anyone had the idea of letting the Tech+ liscenses get 30 meters?
> It would be great - QRP equipment is cheap, you can get more QSO's
> on it w/ QRP, and it is a CW band. Plenty of practice to get the 13.

Sure...upgrade to General. Please read this whole paragraph before
you just me as being mean!!! 13wpm with multiple choice answers isn't
really that hard. REALLY! If anyone hasn't tried it at least once,
you might be Pleasantly Surprised. When I took the test I just knew
that I had failed, but when I sat down with the questions and my
scribbles and started looking for clues for each of the answers, I
could not believe my eyes. I had actually copied enough of the key
parts to answer most of the questions. :) :) :) :)

Actually, there are 5 hf bands that Novice & Tech+ do not have. I
don't think that there will be much chance getting access to 30m
without upgrading. Those missing bands are suppose to give you
"incentive" to upgrade, so they tell me.

72,
km6wt
--
Mont Pierce

```
+-----+
| Ham Call: KM6WT           Internet:  mont@netcom.com      |
|   bands: 80/40/20/15/10/2 |                           |
|   modes: cw,ssb,fm        |                           |
+-----+
```

From owner-qrp-l@netcom.com Sun Dec 18 16:06:10 1994
From: dwebster@netcom.com (Dennis Webster)
Message-Id: <199412181902.LAA08589@netcom10.netcom.com>
Subject: Re: 30 mtrs and Tech +
Date: Sun, 18 Dec 1994 11:02:21 -0800 (PST)

>
> Has anyone had the idea of letting the Tech+ liscenses get 30 meters?
> It would be great - QRP equipment is cheap, you can get more QSO's
> on it w/ QRP, and it is a CW band. Plenty of practice to get the 13.
>

30 meters is a Great Band, it is also a Great reason to upgrade! :-)

--

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|Dennis Webster WJ6H/QRP      * LESS IS MORE! *|
|dwebster@netcom.com         |
|-----|
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From owner-qrp-l@netcom.com Sun Dec 18 17:41:15 1994
From: Johnson_Dan@AAC.COM
Message-Id: <9412182216.22507.AA@smrouter.AAC.COM>
Date: Sun, 18 Dec 94 13:53:00 PST
Subject: Re: 30 mtrs and Tech +

Adam-N3RCS (adam@libertynet.org) said:

> Has anyone had the idea of letting the Tech+ liscenses get 30 meters? It
> would be great - QRP equipment is cheap, you can get more QSO's on it w/
> QRP, and it is a CW band. Plenty of practice to get the 13.

Not just Tech+, but the Novices should also be allowed on 30M. The last WARC failed to get the megawatt carriers off of their 40M subband, and both 80M and 15M pose practical difficulties for a lot of them (ant size and summer QRN for the former, propagation for the latter). Also, there's a lot of ham culture on 30M that's hard to come by on the other bands, and that would be a good influence.

If you agree with this and would like to send me direct email (not through qrp-l), I'd be happy to print the messages and mail 'em to ARRL. We'll never know if anything would come of this unless we try.

Would someone like to craft a specific rules-change request? Are subbands on 30M necessary, or should Novices and Tech+s get the whole band? Do any ITU regulations apply?

BTW, I have no self-serving interest in this except to support CW and our newer hams: I'm not limited to any subbands.

72 de Dan, KC4EWT

QTH: Herndon, VA
Internet: Johnson_Dan@AAC.COM
Packet: KC4EWT@N4WJN.#NOVA.VA.USA.NOAM

----- Reply Separator -----

From owner-qrp-l@netcom.com Sun Dec 18 20:47:51 1994
From: carreiro@netcom.com (Paul Carreiro)
Message-Id: <199412182304.PAA07393@netcom9.netcom.com>
Subject: 750uW, 1333.3 miles per Watt!
Date: Sun, 18 Dec 1994 15:04:06 -0800 (PST)

Hello all... Paul here in Torrance CA..

Just a report of a 750 microWatt QSO between myself and Bart, WB6HQB (also a subscriber to qrp-l) on 7.045MHz last night. Distance was only 1.1 miles, but still was exciting when calculated to 1466.66 miles per watt.

Equipment used was a Kenwood TS690S with Oak Hills WM-1 QRP meter into an INDOOR linear loaded folded dipole tacked to my ceiling. Controls on the 690 were full minimum, (otherwise we would have shot for lower). RST received at 750uW was 219, but copyable. RST 329 at 2.5mW.

Of course, the 750uW is an approximation, the OHR WM-1 was just barely registering movement on the 100mW range.

Bart was running 1 watt and recieved a 599 +5dB RST.

The QRPp bug is certainly intoxicating.
Can't wait for the NORCAL 40A to arrive.

73/72/71...
Paul N6HCS/QRPpppp...

From owner-qrp-l@netcom.com Sun Dec 18 14:32:46 1994
Message-Id: <199412181605.LAA12924@thor.INS.CWRU.Edu>
From: Stephen Trier <sct@po.cwru.edu>

Date: 18 Dec 1994 16:05:15 GMT
Subject: Re: ARCI address?

> Does anyone know which zip code is correct? 44647 or 44646.
> Maybe Massillon and Massilon both have different zip codes :-)

It's spelled Massillon and has both of those as ZIP codes. I don't know which one would be right for Michael Bryce. I used the one in Bill Kelsey's list when I joined a few months ago.

Stephen

--

Stephen Trier "If it sounds good, it is good."
sct@po.cwru.edu - Duke Ellington
KG8IH

From owner-qrp-1@netcom.com Sun Dec 18 03:10:20 1994
Subject: Astron RS-4A
Date: Sat, 17 Dec 1994 20:31:50 -0800
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Message-Id: <9412172031.aa01145@paris.ics.uci.edu>

Anyone have a schematic for this beast? Just got one that blows fuses when turned on. I would like to fix it up, heck, with 4 amps it may be the last DC supply I will ever need :-) :-) .

Clark

.....

Clark Savage Turner, Graduate Student Researcher

Department of Info. and Computer Science 1514 Verano Place
Irvine, CA. 92717 Irvine, CA. 92715
(714) 824 4049 (714) 856 2131

WA3JPG, QRP #3526, active on HF, VHF and UHF.

From owner-qrp-1@netcom.com Sun Dec 18 12:39:21 1994
From: LarryN2ELW@aol.com
Date: Sun, 18 Dec 1994 10:01:33 -0500
Message-Id: <941218100133_1018098@aol.com>
Subject: Re: Astron RS-4A

Clark,

Don't have a schematic; but I had a RS-20 with similar problem.....kept blowing fuses when turned on. One of the transistors on the back heat sink had shorted to ground. Besides changing the transistor I also had to change the high wattage biasing resistor also. So much current had gone through as to change it's value so the replacement would not conduct at first.

For peace of mind's sake I replaced both transistors and resistors. Got the replacements from Newark Electronics. As memory serves, I think they were Motorola 2N6336's??? ; but I'm probably way off on that designation. Anyway, the transistors (if that's the problem in your case) are clearly marked.

Hope this helps and Happy Holidays!

73 de Larry N2ELW

*** N2ELW@W2EMU.NJ.USA.NOAM ***
*** LarryN2ELW@aol.com ***

***** I'm in a QRP state of mind. *****

From owner-qrp-1@netcom.com Sun Dec 18 01:41:34 1994
Subject: Re: balunless Clark
Date: Sat, 17 Dec 1994 19:35:43 -0800
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Message-Id: <9412171935.aa28858@paris.ics.uci.edu>

> interesting. I was wondering where you got your info to build one? Also

There is an article in QRP Quarterly on the "Omega Tuner". It is a Z match circuit. It is the April 1990 edition on page 21. I am putting one together this weekend I hope.

> I see there is an outfit (I think in Southern US) selling a commercial
> version of the Z-match - first I've seen. Have you heard anyone using
> it?

Neat. Could you tell me the name or give the source?

Clark
WA3JPG

From owner-qrp-1@netcom.com Mon Dec 19 00:07:22 1994
Date: Sun, 18 Dec 94 20:10:52 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412190210.AA19833@chuck.dallas.sgi.com>
Subject: Dayton '95

Gang,

Yesterday at Texas Towers I picked up the 1995 CQ Calendar. If haven't seen one of these calendars, then you need to at least look at it if not buy one and spend some time dreaming. What I'm talking about is antenna farms that will make you cry. I know the acreage is expensive, but I'd swear that some the towers and antennas cost more than I paid for my house on some land!!! Check it out. Wouldn't a QRP signal into one of those HF antennas go a long way? :-) We've already talked about antennas and ERP before. I wouldn't spend this kind of money to run one of my \$100 rigs on it as my \$30 LW with 450 ohm ladder line does me just fine. It would be obscene for me to go for the tower and beam at this time. :-)

I also picked up the December 1994 issue of CQ. No, I don't work, write, or get any money from them, they get mine. :-) I'm reading through it from cover to cover and in "Doug's Desk" by Doug DeMaw, W1FB, there is a simple 1/4 watt CW transmitter. Xtal controlled for 40M. It has 4 resistors, 5 fixed caps, 1 variable, 1 RFC, 1 toroid, and a single 2N2222A with 7MHz crystal.

Here's the point. Cost about \$10 for all the parts, the crystal for 7.040MHz being the most expensive component of all.

So here's what we do at Dayton. We hand a contestant a bag of parts for the cost of the parts. The clock starts. Clock stops when rig hooked to 12V and dummy load and straight key and contestant sends his/her call. Clock stops on the first dah or dit. They have to wind the toroid too. :-)

Prizes for:

1. Shortest time to complete.
2. Best looking work.
3. Ugliest
4. Smallest Volume occupied by xmtr.

and maybe some more catagories, but all this in fun.

This could be a N-day affair in the hospitality suite with a panel of judges rotating duty each night from 8 to 10pm.

We announce ahead of time and publish the schematics so people can practice at home? Or do we ambush 'em with something sight unseen? PC board or not? FAR could do these ahead of time cheaply if we do the board. RCA phono plugs for RF, Power, and Key?

Some club take this up and run with it. I am just thinking of some friendly stuff to do, not that there is a lack of stuff to do at Dayton. :-)

Part 2 of the above circuit is that Doug adds a VX0 adjustment with variable cap and RFC and 2N3906 keying transistor to kit. If you're going to do that I'd also add the FL1 output filter shown in the 1W amplifier on page two of the article.

Those of you who do this xmtr from the article, let us know how you do and I'd watch for the spectral purity of the output. Do you not always get a pure sine wave from a XTAL oscillator. Trust me on this one. I've been there - done that. Checked it out that is.

FYI de K5F0

I just figured out why some many articles lately on QRP and kits!! It's too boring to read about sitting in front of a high-powered rig and working one station after another. No challenge except for the pileups chasing the "rare" DX.

dit dit es Merry Christmas and Seasons Greetings to You and Yours
Chuck Adams K5F0 CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Sun Dec 18 03:57:07 1994
From: David Adams <dave@flowserver.stem.com>
Message-Id: <9412180601.AA20382@flowserver.stem.com>
Date: Sat, 17 Dec 94 22:00:54 -0800
Subject: Ding Dong II, I'm advanced howzabout you?

Well...I passed the advanced this morning! Just one more hurdle to go and I'm done with testing!

73 de Dave, n9uxu/AA

Oh...many people misunderstood my previous post...I don't dislike the code at all..."the evil that is 20 wpm" thing was

a joke....

From owner-qrp-l@netcom.com Sun Dec 18 15:53:34 1994
From: Johnson_Dan@AAC.COM
Message-Id: <9412182216.22507.AB@smrouter.AAC.COM>
Date: Sun, 18 Dec 94 14:12:00 PST
Subject: Re: FAQ info

W4RNL (cebik@utkvtx.utk.edu) said:

...everyone is aware that N8ET maintains a listing of QRP clubs and AF4K maintains a very complete list of building materials sources... I also hope that both will post their lists periodically... One category missing... is available publications... I wonder what other categories of information might be of use to net members.

I, too, appreciate this info on qrp-l. It suggests an idea. What if there were an ARRL publication which were the equivalent of a combination of the ARRL Handbook and the ARRL Operating Manual but oriented towards QRP operation? That and availability of address list updates from ARRL ("include a large SASE with your request" or -gasp- an ARRL Internet information server) would go a long way towards promoting QRP operation. How would such an undertaking be organized?

Or is it best to have this info spread among a dozen or so books, various Internet sources, newsletters, magazines, and fourth generation xeroxes? Someone recently commented that QRP technology hasn't really changed much in 20 years, just the components available to accomplish it. Is QRP volatile and evolving or static enough for a classy reference volume?

The QRP movement, she is gaining momentum. Seize the opportunity? Just thoughts, for now...

72 de Dan, KC4EWT, a QRP "novice"

QTH: Herndon, VA
Internet: Johnson_Dan@AAC.COM
Packet: KC4EWT@N4WJN.#NOVA.VA.USA.NOAM

From owner-qrp-l@netcom.com Mon Dec 19 01:16:58 1994
From: Byron8LCZ@aol.com
Date: Sun, 18 Dec 1994 20:27:55 -0500
Message-Id: <941218202755_1404201@aol.com>
Subject: Re: FAQ info

I would think that rich arland would be the guy to contact. he has written two books of info on QRP operation for the ARCI QRP group. His call is K7YHA. He is probably working on a third book now.

73, byron byron81cz@aol.com

From owner-qrp-l@netcom.com Sun Dec 18 19:18:11 1994
Date: Sun, 18 Dec 94 14:15:15 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412182015.AA19525@chuck.dallas.sgi.com>
Subject: FOX Results 12/18/94

December 11, 1994

Gang,

Here here is my tally so far. All errors are mine and mine alone and some mods to allow for QRN/QRM in getting calls. Errors will be corrected as I receive them.

Two contacts on Stan's last round did not count, as he called someone who was calling CQ. Call and they will come. :-)

The FOX:

Stan Golstein	N6ULU	14 + 20 worked	(FINAL)	34
Pete	WA3NNA	16 worked		
Clay	N4AOX	7 worked		
Bob	KI0G	8 worked		
Paul	WB8ZJL	8 worked		
Bob	N2IPY	4 + 6 worked	(FINAL)	10
Craig	WB3GCK	4 worked		
Dave	N9UXU	3 worked		
Chuck	K5FO	3 worked		
Ted	KF8EE	1 worked		

Hunters and their successes:

6	N4AOX	Clay	N2IPY	N6ULU	KI0G	WA3NNA	N6ULU	N2IPY
5	NN9K	Pete	N4AOX	WA3NNA	WB3GCK	N6ULU	N2IPY	
5	K5UP	Glen	N2IPY	N6ULU	N4AOX	WA3NNA	N2IPY	
3	AB5OU	Tim	N6ULU	N4AOX	KI0G			
2	KF8EE	Ted	N2IPY	N6ULU				
2	V01DRB	Bob	N2IPY	WB3BCK				
2	K5YUT	Jim	WA3NNA	N6ULU				
2	AB4EL	Steve	N6ULU	N6ULU				
2	W5TFB	Jack	N6ULU	N6ULU				
2	WB4ZKA	Mike	N6ULU	N2IPY				
1	W5TB	Doc	WA3NNA	N6ULU				
1	WA4NID	Dave	K5FO					
1	KB9ICC	Mark	KF8EE					

1	W1HUE	Larry	N6ULU
1	K8BVJ	Bing	N6ULU
1	W3PM	Gene	N6ULU
1	WB2SXX	Bing	N6ULU
1	N1IRZ	Dave	N6ULU
1	AC4QX	Red	N6ULU
1	W2RXG	Bob	N6ULU
1	AD4TK		WB3GCK
1	W5YM		K5FO
1	N5ODV	John	K5FO
1	NM1J	Scott	N4AOX
1	N3PFF	John	N4AOX
1	N9OUH	Paulette	N4AOX
1	KC5EQC	Gordy	N4AOX
1	WB4OWL	Chas	N9UXU
1	K06CL		N9UXU
1	KM6WT	Mont	N9UXU
1	K9MWM	Bob	KI0G
1	WW7Y	Steve	KI0G
1	K06KA		KI0G
1	W0DSW	Dick	KI0G
1	KD6ZMT	Loyd	KI0G
1	WB4TPW	Roger	KI0G
1	N1NTQ	Steve	WB8ZJL
1	VE3CHK	Arnie	WB8ZJL
1	KB2SEM		WB8ZJL
1	K0HUU	Don	WB8ZJL
1	WA3PTY	Al	WB8ZJL
1	NG9Q	Chas	WB8ZJL
1	WB2PPQ	Greg	WB8ZJL
1	WA3GYW	Francis	WB8ZJL
1	W3GOI		WA3NNA
1	W4HFU		WA3NNA
1	WB3GCK		WA3NNA
1	NZ4I		WA3NNA
1	K5FO	Chuck	WA3NNA
1	NR3Z		WA3NNA
1	N2CX		WA3NNA
1	WB2LJG		WA3NNA
1	K6QQ		WA3NNA
1	KE400W		WA3NNA
1	WA4NID		WA3NNA
1	WW7Y		N6ULU
1	KB7ZNE		N6ULU
1	W5GLO	John	N6ULU
1	KI0G		N6ULU
1	WA3NNA		N6ULU
1	KU7Y		N6ULU

1	KI6SN		N6ULU
1	N8ET	Bill	N6ULU
1	WA6HHQ		N6ULU
1	AC4HF	Jeff	N6ULU
1	KK6MC		N2IPY
1	W8HFJ		N6ULU
1	N1QPR		N6ULU
1	K9YII		N6ULU
1	N6ULU	Stan	N2IPY

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Sun Dec 18 19:13:16 1994
 Date: Sun, 18 Dec 94 14:02:25 -0600
 From: adams@chuck.dallas.sgi.com (chuck adams)
 Message-Id: <9412182002.AA19506@chuck.dallas.sgi.com>
 Subject: FOX Schedule

December 18, 1994

For the newbies, we're trying to generate weekly activities during the middle of the week and not on weekends when everybody and their dog is running a contest with N stations, where N is large.

The fox will come on with CQ CQ FOX HUNT de CALL CALL K. or their rendition of same. Then they will be attacked by the hoards of screaming QRPers. :-) Propagation has everything to do with this hunt, thus you may be unfortunate enough to be out of the zone(s) where they can work you.

WARNING: Times and dates are in UTC, so for 0000Z, it's the day before here in the USofA.

We tried to get some time in for the novices. Run at your CW speed and the fox will match it.

name	call	email address	QTH
Chuck Adams	K5FO	adams@sgi.com	Dallas, TX
Bob Easton	N2IPY	bobea@watson.ibm.com	Sloatsburg, NY
Craig LaBarge	WB3GCK	74740.3166@CompuServe.com	Phoenixville, PA
Mark Cronenwett	KA7ULD	ka7uld@ix.netcom.com	San Jose, CA
Pete Rossi	WA3NNA	rossi@vfl.paramax.com	Newton Square, PA
Bob Cutter	KI0G	bcutter@csn.org	Glenwood Springs, CO
Dave Adams	N9UXU	dave@flowserver.stem.com	Indianapolis, IN

Ron Stark	KU7Y	mswmod@nimbus.sage.unr.edu	Sun Valley, NV
Stan Goldstein	N6ULU	stan@cruzio.com	Watsonville, CA
Clay Wynn	N4AOX	wyn@ornl.gov	Alcoa, TN
Ted Albert	KF8EE	teda@meaddata.com	Loveland, OH

Week of:	FOX	Date	Time(UCT)	Freq
Dec 18th	KA7ULD	Dec 20th	0400-0600	7.040 7.150
Dec 25th	KU7Y	Dec 27th	0300-0500	7.110-7.115(1st hr) 7.040-050(2nd)
Jan 1st	K5FO	Jan 5	0200-0400	7.110(30min) 7.040(1.5hr)
Jan 8th	N4AOX	Jan 13	00:00Z-01:00Z	7.101 MHz & UP
			01:15Z-03:00Z	7.041 MHz & UP
			-or-	
			Jan 12 (Local)	
			07:00 EST - 08:00 EST	7.101 ; 08:15 EST - 10:00 EST 7.041
			06:00 CST - 07:00 CST	7.101 ; 07:15 CST - 09:00 CST 7.041
			05:00 MST - 06:00 MST	7.101 ; 06:15 MST - 08:00 MST 7.041
			04:00 PST - 05:00 PST	7.101 ; 05:15 PST - 07:00 PST 7.041
Jan 15th	WB3GCK	Jan 17	0000-0200Z	7.110 (30min) - 7.040
Jan 22nd	KF8EE	Jan 23	0200-0400Z	7.040
Jan 29th	KI0G			
Feb 5th	KA7ULD	Feb 7	0400-0600Z	7.040-7.150
Feb 12th	WA3NNA			
Chuck Adams	K5FO	CP-60	adams@sgi.com	

From owner-qrp-1@netcom.com Sun Dec 18 18:31:47 1994
 Date: Sun, 18 Dec 1994 23:42:12 +0300 (IST)
 From: pollack ziv <pollack@bengus.BGU.AC.IL>
 Subject: help
 Message-Id: <Pine.3.89.1.0.9412182353.A16368-0100000@ivory.bgu.ac.il>

Hi,
 I read the file qq-index from @Think.COM
 but I have a little problem, where can I find these
 publication (for example : Classic QRP, Mike Czuhajewski, WA8MCQ, July
 89, p. 6. where can I find It ?)
 Tnks & 73

p.s. if you know on any other places where I can get plans for a simple
 morse diagrams, I'll be thankful.

73 & Bye bye

```

+-----+
| Ziv Pollak | " There must be a |
| Ben Gurion University, Israel | better way to start |
| E-mail: pollack@black.bgu.ac.il | the day than to wake |
| Ham Radio Call sign: 4Z9ACH | up in the morning. " |
+-----+
| Check out my new home page at: |
| http://www.cs.bgu.ac.il/~pollack |
+-----+

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From owner-qrp-l@netcom.com Sun Dec 18 12:49:36 1994
 Date: Sun, 18 Dec 1994 08:50:43 -0600 (CST)
 From: Theodore Drake <tdrake@metronet.com>
 Subject: hw-7 advice for newbie
 Message-Id: <Pine.HPP.3.90.941218084400.25519A-100000@fohnix.metronet.com>

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js> Just picked up a Heathkit HW-7 QRP rig (15M,20M,40M) at the Tandy
js> sidewalk sale this AM.
js>
js> How does this compare to the Explorer?

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Sigh, the above is from a newly licensed ham with little cash to spare.
 He has 2 meter rig from codeless days and was looking for an intro to the
 low bands. I had him about talked into the OHR explorer for 40M as
 something which would [barely] fit his budget and yet give good
 performance and years of satisfaction even after he was able to 'upgrade'
 to a multi-band rig. The last thing I wanted was to turn him off QRP
 which I'm afraid the hw-7 may well do.

Note he's already bought the hw-7 -- how would you respond? Any advice
 for improving the hw-7? [I'll loan him the hw-8 handbook, probably my
 hw-8 also so he can compare those two]

73 'Doc' W5TB

From owner-qrp-l@netcom.com Sun Dec 18 23:46:24 1994
 Date: Sun, 18 Dec 1994 16:35:29 -0800
 Message-Id: <199412190035.QAA08969@ix2.ix.netcom.com>
 From: ka7uld@ix.netcom.com (Mark Cronenwett)
 Subject: I'm the FOX HUNTEE!!

Well QRP gang, I finally get to be the fox, and I get to
 schedule it when I can do it...:))

This will be for Tuesday, December 20th, at 8pm to 10pm Pacific
 time. This is 21 December 0400-0600 for the UTC gang.

Frequencies will be 7.120+/- for first hour, then on down to 7.040+/- for the rest of the evening. I think most will have to worry about matching my speed...anybody up for 3 wpm????

This should be a good challenge for me as well. I did this because I need the practice, as I am contact impaired...:)) I have even tried all of Chuck's and Jeff (NH6IL) secrets!! This new location is right behind the neighborhood power lines and I run a Vertical antenna....not a good combo. Never mind how the bands are, I can have S9 noise from my neighbors washing machine. I should be safe at the time I have selected though.

So good luck to you all, especially me....:(0)

Mark

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--
=====
Mark Cronenwett, KA7ULD      OS: Linux, DOS, Unix
Sunnyvale, CA               Packet: ka7uld@n0ary
Operating QRP on CW, Pactor, Gtor, SSB
Ask me about the NorCal QRP Club
=====
```

```
From owner-qrp-l@netcom.com Sun Dec 18 09:07:31 1994
Date: Sun, 18 Dec 1994 13:09:36 +0300 (IST)
From: pollack ziv <pollack@bengus.BGU.AC.IL>
Subject: Project help
Message-Id: <Pine.3.89.1.0.9412181315.A1935-01000000@ivory.bgu.ac.il>
```

Hi to you all,
I'm a new member of this list and
I have a little problem understanding project #7 in the qrp-project file.
Can someone please help me . (like what is RFC2,3 ? or what is
exactly x1 ? and so on.)
I'm really looking forward to building it so please help me.
73.

```
+-----+
| Ziv Pollak           | " There must be a      |
| Ben Gurion University, Israel | better way to start  |
| E-mail: pollack@black.bgu.ac.il | the day than to wake |
| Ham Radio Call sign: 4Z9ACH    | up in the morning. " |
+-----+
| Check out my new home page at:  |
| http://www.cs.bgu.ac.il/~pollack |
+-----+
```

From owner-qrp-1@netcom.com Mon Dec 19 01:20:13 1994
Date: Sun, 18 Dec 1994 22:08:53 +0001 (EST)
From: howie cahn <wb2cpu@world.std.com>
Subject: Re: QRP Philosophy
Message-Id: <Pine.3.89.9412182105.A5703-01000000@world.std.com>

On Sat, 17 Dec 1994, Steven Wilson wrote:

> We need to improve our QRP Philosophy for improved performance in this
> phase of our amateur radio hobby.
> ...
> I believe it is safe to say the two items that are the most important
> are the antenna and receiver.
> ...
> Just because you run
> QRP does not require you to use a sub-standard receiver. Instead of
> spending your efforts on a low sensitivity and poorly selective, low
> audio powered home brew receiver. Spend the same effort on building
> up a good QSK switching system with a quality xmit/receive switch for
> your existing commercial ham band receiver.

I agree that good antennas and having QSK are important but I'm not sure that improving your receiver will help you get more QSOs. I know conventional wisdom says "you can't work 'em if you can't hear 'em", but not hearing stations is rarely the problem. I've used all kinds of simple receivers, direct conversions, simple superhets, etc. and don't think I ever lost a QSO because of my receiver. The problem is that if you're QRP with a no-gain antenna you hear TOO MUCH. You hear a DX station at say, S5 with a pileup on him and you waste hours calling him when there's just about no chance that you'll work him; even if there weren't a zillion other stations calling. I say that the best receiver accessory for a QRPer is a 10 dB attenuator pad on your receiver input. That way you're more likely to concentrate on stations there's a reasonable chance of actually working.

73... howie
wb2cpu@world.std.com

From owner-qrp-1@netcom.com Sun Dec 18 03:05:53 1994
From: Byron8LCZ@aol.com
Date: Sat, 17 Dec 1994 23:47:46 -0500
Message-Id: <941217234746_853052@aol.com>
Subject: QRP PLUS XCVR

Hi,
Received QRP PLUS xcvr two weeks ago. have made 150 contacts with it. have the following comments: Its alot of radio for the money. It has all bands 160

thru 10 meters both cw and ssb, two vfo's than can run split op or an RIT with unlimited range. the built in SCAF audio filter works extremely well. the LCD readout is great, so is the S-meter. Only have a few minor complaints, the RF power adjust potentiometer just barely sticks out the back of the rig and is hard to turn, and the AGC pops when receiving strong signals.

Never the less, I'm very happy with the radio and am already working on a way to light the LCD display and S-meter externally. Have worked Argentina, Brazil, Uruguay and many other DX stations with 5 watts and a vertical (GAP Titan 80-10). Will be happy to answer any questions you might have about this QRP rig from Index Labs.

Also, glad to be on the Internet and hope to contribute to the group.

72, Byron WA8LCZ Byron8lcz@aol.com

From owner-qrp-l@netcom.com Sun Dec 18 17:52:01 1994

From: Byron8LCZ@aol.com

Date: Sun, 18 Dec 1994 14:32:38 -0500

Message-Id: <941218143236_1152384@aol.com>

Subject: Re: QRP PLUS XCVR

the QRP PLUS is being advertized in CQ mag page 20 and i think ive seen it in world radio but am not sure. and its also in G-QRP mag. mostly its being sold by word of mouth.

i will use it for most QRP contests and achieving WAS/DXCC/WAC

but for the big ARCI Fall contest, will probably use my Kenwood TS-450, since the triple conversion receiver will help me to make contacts in an extremely crowded band. The Plus has both crystal filtering in the IF and SCAF filtering in the audio stages. Most good QRP radios seem to have both.

73, byron byron8lcz@aol.com

From owner-qrp-l@netcom.com Mon Dec 19 01:11:58 1994

From: Byron8LCZ@aol.com

Date: Sun, 18 Dec 1994 20:41:13 -0500

Message-Id: <941218203830_1416462@aol.com>

Subject: QRPp

Is there a club/newsletter that specializes in QRPp, less then 1 watt of output power. if so, how about the address and costs. i have been slightly bitten by the EXTREMELY low power bug more than once, but soon lose interest as the propagation varies so much lately.

also, does the signal have to bounce off the ionosphere to be considered QRPp or can it be microwatts at groundwave? this makes a big difference. i have the oak hills QRP watt-meter and want to use it on the low range again.

72, byron Byron8LCZ

From owner-qrp-1@netcom.com Sun Dec 18 21:38:58 1994
Message-Id: <199412182228.0AA06463@holonet.net>
Subject: R2/T2 files online
Date: Sun, 18 Dec 94 14:28:57 PST
From: John Seboldt <rohrwerk@holonet.net>

12/18/94

Dear qrp-1 Folks:

Ray, WB6TPU, has kindly placed in his netcom FTP archive two files describing my work with the KK7B R2 receiver design.

FTP address is ftp.netcom.com, the directory is /pub/ra/rander/qrp

r2t2stn.ps (about 300K) is a PostScript printer file to create an 8 page document about my modular approach to a 5-watt, full QSK multiband station based on the R2. It describes my current setup for CW only, some ideas for refining it further, and a proposed way of hooking up the T2 SSB exciter (which I have built but have not yet wired up.)

I could give you the original Microsoft Word (Mac) file if you are equipped to deal with it -- only about 50K. Ask me and I'll mail it individually.

t368vfo.txt (14K) is a rough set of notes in text file format on transistorizing the exciter from the T-368 military transmitter. Available from Fair Radio Sales for about \$45, this unit, once modified, will give you an incredibly stable VFO for 1.5-24 MHz with RIT and a mechanical digital dial (add your own counter for better accuracy!) This is turning into a more detailed MS Word file with real schematics, pending some additional refinements I want to try.

Enjoy!

: John Seboldt	rohrwerk@holonet.net	/	I am Bach of Borg...
: Amateur radio	K0JD...	/	your style will be
: Church of the	Annunciation,	/	assimilated.
: Minneapolis		/	

From MAILER-DAEMON Sun Dec 18 14:55:08 1994
Date: Sun, 18 Dec 94 14:55:08 -0500
From: MAILER-DAEMON (Mail Delivery Subsystem)
Message-Id: <9412181955.AA111670@csemail.cropsci.ncsu.edu>
Subject: Returned mail: Deferred: No such file or directory

----- Transcript of session follows -----

550 myself... User unknown
qrp-l@netcom.com... reply: read error
451 qrp-l@netcom.com... reply: read error

----- Unsent message follows -----

Received: by csemail.cropsci.ncsu.edu (5.61-AIX-1.2/1.0)
id AA111668 (for qrp-l@netcom.com, from qrmodena/qrmodena); Sun, 18 Dec 94
14:55:08 -0500
>From: qrmodena
Message-Id: <9412181955.AA111668@csemail.cropsci.ncsu.edu>
Subject: Re: Z Match or X Match Ant Tuner
To: qrp-l@netcom.com (qrp-l ListServ)
Date: Sun, 18 Dec 94 14:55:07 EST
Cc: myself
In-Reply-To: <Pine.3.87.9412181030.A12419-01000000@random.ucs.mun.ca>; from "Robert
Gobrick" at Dec 18, 94 10:10 am
X-Mailer: ELM [version 2.3 PL11]

> >
> > There is an article in QRP Quarterly on the "Omega Tuner". It is a
> > Z match circuit. It is the April 1990 edition on page 21. I am putting
> > one together this weekend I hope.
> >

Some long dormant braincells are stirring at each mention of "Z-match"...

A way back in the '50's I somehow remember reading an article in CQ
on the history and theory (of design) of the Z-match.

The author contended that the popular PI-network output circuit
adapted to so many ham xmtrs was the "left-half" of the Z-Matcher...
the right-half being the remaining tap-done components required for
a Collins military rig to truly be able to "match *anything*". :^)
--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

From owner-qrp-l@netcom.com Sun Dec 18 22:45:45 1994
From: Johnson_Dan@AAC.COM
Message-Id: <9412190440.22507.AA@smrouter.AAC.COM>
Date: Sun, 18 Dec 94 20:41:00 PST
Subject: Re[2]: 30 mtrs and Tech +

> upgrade to General... Those missing bands are suppose to give you "incentive"
> to upgrade...

After I posted in support of Novice and Tech+ access to 30M, I remembered that
40M QRM is *why* I upgraded from Novice to General. One can't unsend Internet
mail, though. :-(Guess I'm undecided about whether the existing subbands

encourage upgrading or discourage potential Generals from CW at all. This isn't really about QRP, now, is it.

73 de Dan-KC4EWT

From owner-qrp-l@netcom.com Mon Dec 19 01:49:09 1994
Date: Sun, 18 Dec 1994 19:56:06 -0800 (PST)
From: Jeff Jones <jeffj@crl.com>
Subject: Re: Re[2]: 30 mtrs and Tech +
Message-Id: <Pine.SUN.3.91.941218195338.26439A-100000@crl7.crl.com>

On Sun, 18 Dec 1994 Johnson_Dan@AAC.COM wrote:

> After I posted in support of Novice and Tech+ access to 30M, I remembered that
> 40M QRM is *why* I upgraded from Novice to General. One can't unsend Internet
> mail, though. :-(Guess I'm undecided about whether the existing subbands
> encourage upgrading or discourage potential Generals from CW at all. This isn't
> really about QRP, now, is it.

I am in favor of giving Tech+'s access to the 30 meters! It's all CW and the more CW those Tech's work the faster they can upgrade to General! Kinda make sense! 73 and Happy Holidays to all!

Jeff

jeffj@crl.com | When I gave food to the poor, they call me a saint.
AB6MB | When I asked why the poor had no food, they call me a
| communist. Dom Camara KPFA 94.1 Bay Area Progressive Radio!

From owner-qrp-l@netcom.com Sun Dec 18 17:41:58 1994
From: David C Scott <dcscott@magnus.acs.ohio-state.edu>
Message-Id: <199412181925.0AA12965@bottom.magnus.acs.ohio-state.edu>
Subject: Suggestions for newbie
Date: Sun, 18 Dec 1994 14:25:19 -0500 (EST)

I have decided I want to try qrp and I am thinking about my first project while I am learning the code. Common sense tells me I should try building a receiver first since I can't use a transmitter yet.

Since I have never built anything before I thought about one of the Ramsey kits to start with. Any comments or suggestions.

David Scott
University Police
2043 Millikin Rd

scott.13@osu.edu
dcscott@magnus.acs.ohio-state.edu

Columbus, OH 43210
(614) 292-2121

N8XYF

From owner-qrp-l@netcom.com Sun Dec 18 16:22:31 1994
Date: Sun, 18 Dec 1994 14:54:46 -0500 (EST)
From: "Kenneth R. Edwards" <ea3b@america.net>
Subject: Trade 6M QRPP HT
Message-Id: <Pine.SV4.3.91.941218145039.19937B-1000000@atl11.america.net>

Mizuho MX-6Z 6 Meter VX0 controlled (2 crystal positions) SSB/CW HT for trade. Rig is about the size of a "standard" 2M HT, includes rubber duck, one crystal, uses 4 AAA batteries or external 9VDC.
Looking for lower freq (ie 40 or 80M) SSB/CW QRP rig in trade.
Any interest?
--Ken N3EEG

From owner-qrp-l@netcom.com Sun Dec 18 11:58:23 1994
Date: Sun, 18 Dec 1994 10:10:30 -0330 (NST)
From: Robert Gobrick <bgobrick@random.ucsf.edu>
Subject: Z Match or X Match Ant Tuner
Message-Id: <Pine.3.87.9412181030.A12419-01000000@random.ucsf.edu>

Clark - well, as usual in an overflow of information coming into my personal local area network (the mass between my ears) I see that I found the commercial Z match antenna tuner company I was talking about in the latest issue of QST ads. EXCEPT, they say it's an XMatch (trademark) Antenna Tuner ... so I am not sure what it is - looks like it has a roller inductor and a couple of knobs for caps. Company for the XMatch Antenna Tuner is N4XM, 7001 Briscoe Lane, Louisville, KY 40228.

Does anyone know about this tuner - he wants \$3 for info-pack (must be a QRO Tuner - hi)

72 Bob VO1DRB/WA6ERB

On Sat, 17 Dec 1994, Clark Savage Turner WA3JPG wrote:

> > interesting. I was wondering where you got your info to build one? Also
>
> There is an article in QRP Quarterly on the "Omega Tuner". It is a
> Z match circuit. It is the April 1990 edition on page 21. I am putting
> one together this weekend I hope.
>
> > I see there is an outfit (I think in Southern US) selling a commercial
> > version of the Z-match - first I've seen. Have you heard anyone using
> > it?
>

> Neat. Could you tell me the name or give the source?
>
> Clark
> WA3JPG
>

From owner-qrp-1@netcom.com Sun Dec 18 18:11:28 1994
From: qrmodena@csemail
Message-Id: <9412181955.AA111668@csemail.cropsci.ncsu.edu>
Subject: Re: Z Match or X Match Ant Tuner
Date: Sun, 18 Dec 94 14:55:07 EST

> >
> > There is an article in QRP Quarterly on the "Omega Tuner". It is a
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the right-half being the remaining tap-done components required for
a Collins military rig to truly be able to "match *anything*". :^)

--

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